

## Message

**From:** Ackerman, Terry L. [/O=NPPD/OU=CGO/CN=RECIPIENTS/CN=TLACKER]  
**Sent:** 2/12/2013 7:31:05 PM  
**To:** Krondak, Michael M. [mmkrond@nppd.com]  
**CC:** Shafer, Jeffrey T. [jtshafe@nppd.com]; McCormick, Seth P. [spmccor@nppd.com]; Harris, Douglas D. [ddharri@nppd.com]  
**Subject:** RE: Paulman Climate Data

The fixed washdown system is supplied from the Fire Protection system. There are five main pumps that feed the Fire Protection system. Four of the pumps pump surface water from the Mixing Basin and Reservoir Forebay, and one is a well pump. The well pump (A-C Diesel Fire Pump) is one of the last in the auto start sequence so although it could provide some of the water to the fixed washdown system, in reality it is probably a small percentage.

Terry

**From:** Krondak, Michael M.  
**Sent:** Tuesday, February 12, 2013 11:11 AM  
**To:** Ackerman, Terry L.  
**Cc:** Shafer, Jeffrey T.  
**Subject:** RE: Paulman Climate Data

Terry do these numbers include the coal-yard fixed wash-down system?

**Michael Krondak, P.E.**  
**Hydrologist**  
**NPPD**  
**308-535-5934**

**From:** Ackerman, Terry L.  
**Sent:** Tuesday, February 05, 2013 4:36 PM  
**To:** Huff, Allen A.; Krondak, Michael M.; Harris, Douglas D.  
**Cc:** McCormick, Seth P.  
**Subject:** RE: Paulman Climate Data

I just sent a message to Jeff Shafer on this subject today. We do not meter this use, but gave Jeff a very high level estimate (reference attached e-mail). There is really no way to validate the numbers; it is just an estimate.

Terry

**From:** Huff, Allen A.  
**Sent:** Tuesday, February 05, 2013 2:04 PM  
**To:** Krondak, Michael M.; Ackerman, Terry L.; Harris, Douglas D.  
**Subject:** RE: Paulman Climate Data

I don't believe that we record flow or run time for any of the wells other than the Operating Wells. Terry or Doug might know something that I don't.

*al*

**From:** Krondak, Michael M.  
**Sent:** Tuesday, February 05, 2013 1:11 PM  
**To:** Huff, Allen A.  
**Cc:** Shafer, Jeffrey T.  
**Subject:** RE: Paulman Climate Data

Al,

Does GGS track pumpage from the other wells onsite (not GGS Wellfield Wells)? These would be wells that are used for boiler make-up water, fire suppression, dust suppression, other daily plant and personnel uses, etc. Twin Platte Natural Resources District is asking for this information and I would also like it so I can put it in the model.

**Michael Krondak, P.E.**  
**Hydrologist**  
**NPPD**  
**308-535-5934**